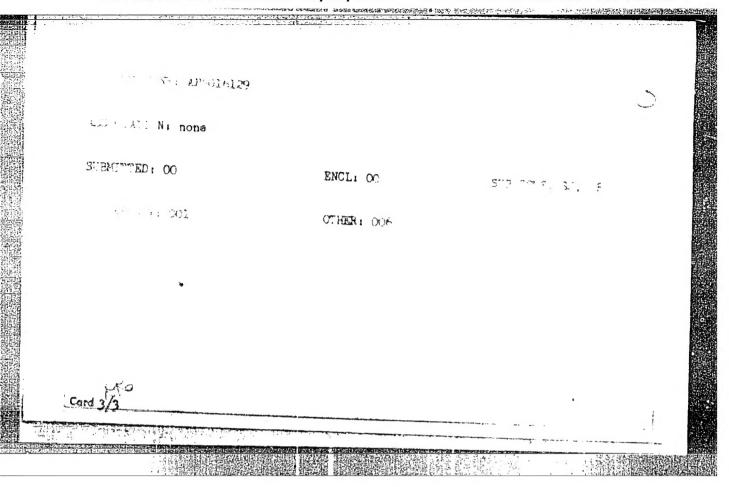


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FCMICHEV, P., general-mayor; SIMONOV, B., inzhener-polkovnik

Study practices in highway maintenance. Tyl i snab. Sov.
Voor. Sil 21 no.4:77-50 Ap '61. (MIRA 14:7)

(Military roads)

(Military bridges)

TO THE REPORT OF THE PROPERTY OF THE PROPERTY

Financing exploratory drilling. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gornotoplivnoi lit-ry, 1952. llo p. (53-31038)

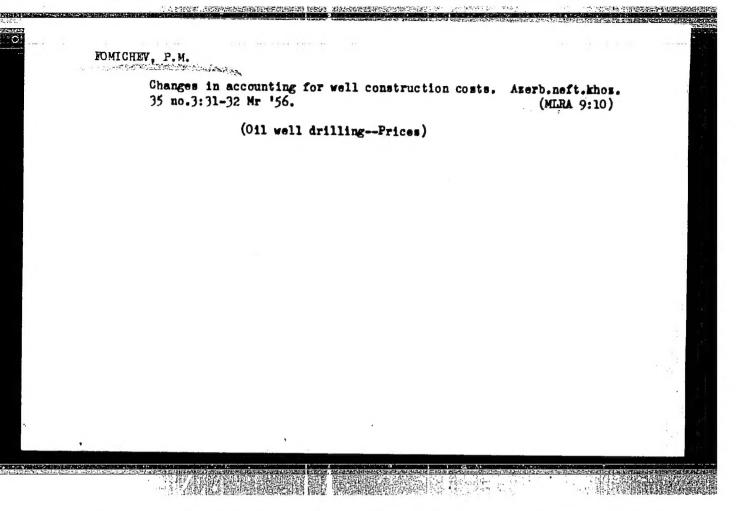
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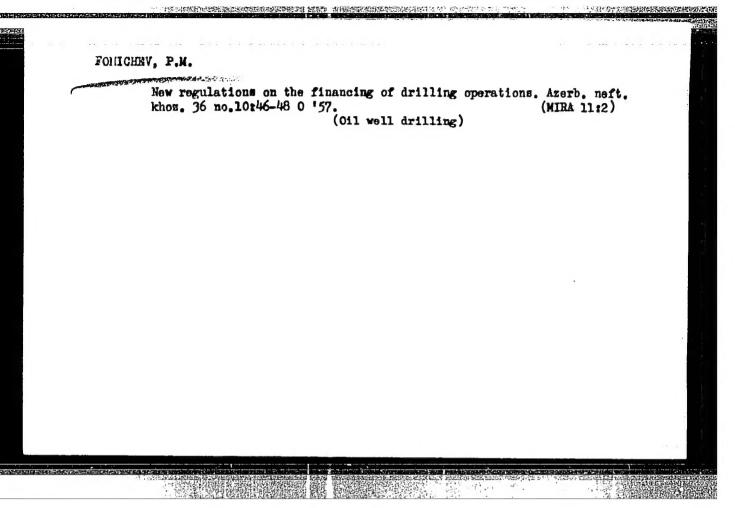
FOMICHEV, P.M.; BROYDE, I.M., redaktor; TITSKAYA, B.F., redaktor; POLOSINA, A.S., tekhnicheskiy redaktor

THE TRANSPORTER AND THE PROPERTY OF THE PROPER

[Financing the drilling of oil and gas wells] Financirovanie bureniia neftianykh i gazovykh skvazhin. Moskva, Gos.nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1953. 181 p.

(Petroleum--Well drilling) (Gas, Natural) (Finance)





11(0)

PHASE I BOOK EXPLOITATION

SOV/1602

Fomichev, Petr Markovich

Finansirovaniye bureniya neftyanykh i gazovykh skvazhin (Financing Oil and Gas Well Drilling) 2nd ed., rev. and enl. Moscow, Gostoptekhizdat, 1958. 182 p. 2,000 copies printed.

Ed.: Isaak Markovich Broyde; Exec. Ed.: N.D. Dubrovina; Tech. Ed.: E.A. Mukhina.

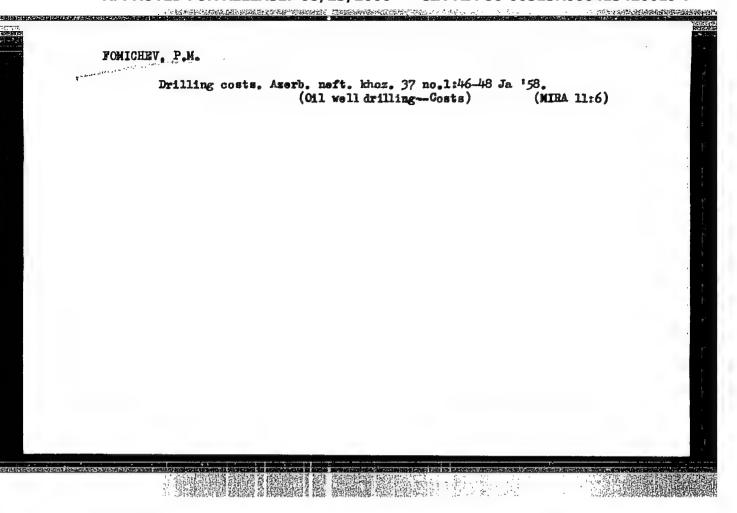
PURPOSE: This book is intended for engineers, technicians, economists, accountants and bookeepers of drilling organizations and other enterprises of the petroleum industry.

COVERAGE: The book describes the financial organization of oil and gas surveying and drilling operations. Project specifications and estimate-cost forms for each phase of a drilling operation are given in the Appendixes. No personalities are mentioned. There are no references.

Card 1/2

Financing Oil and Gas Well Drilling SOV/1602		
TABLE OF CONTENTS:		
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Ch. II. Financing the Drilling Operation	22	
Ch. III. The Working Capital of a Drilling Organization	57	
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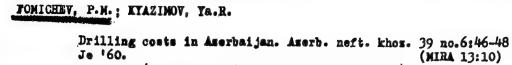
FOMICHEV, Petr Markovich. Prinimal uchastiye: SHAPOVALOV, Aleksandr Grigor yevich; BROYDE, I.M., red.; LATUKHINA, Ye.I., vedushchiy red.; POLOSINA, A.S., tekhn.red.

[Business accounting within drilling organizations] Vnutri-khoziaistvannyi resolut v hypovakh exceptions

LBusiness accounting within drilling organizations] Vnutrikhozisistvennyi raschet v burovykh organizatsiiakh. Moskva,
Gos.nauchno-tekhn.izd-vo neftianoi i gorno-teplivnoi lit-ry,
1959. 109 p. (MIRA 12:9)

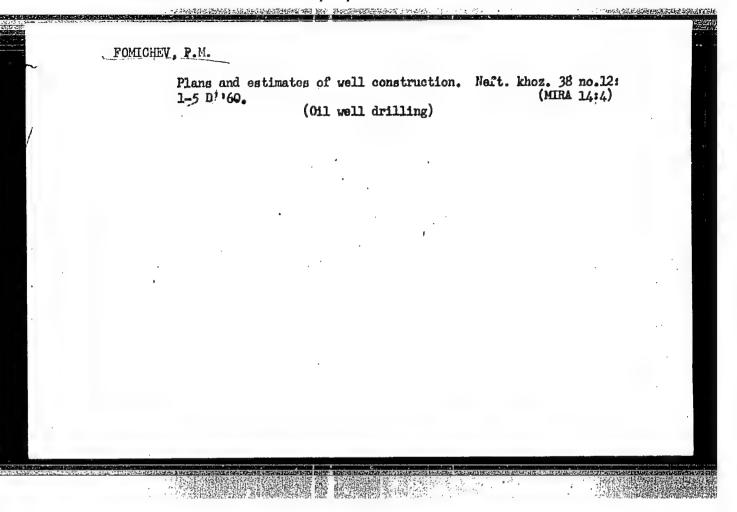
(Oil well drilling--Accounting)

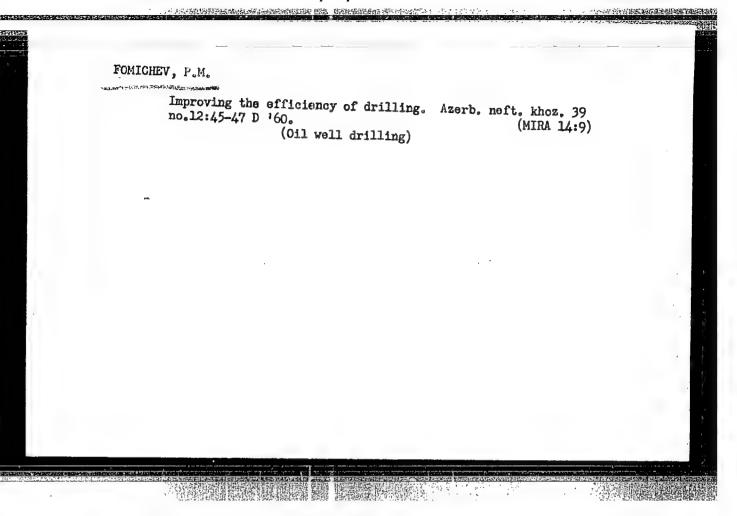
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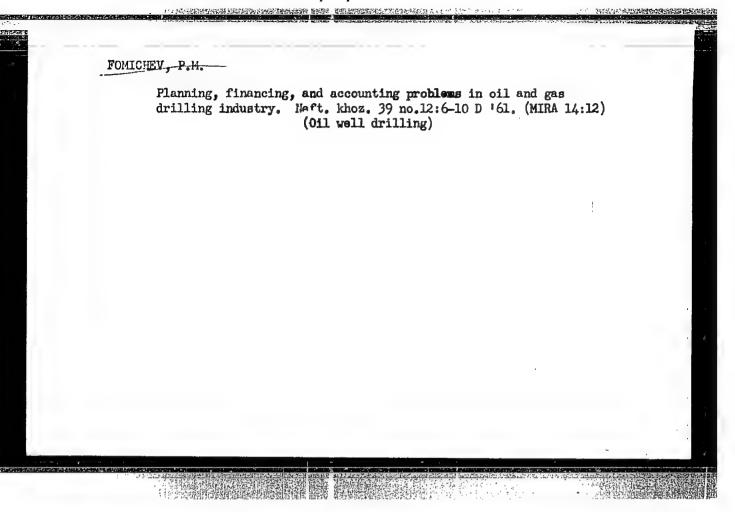


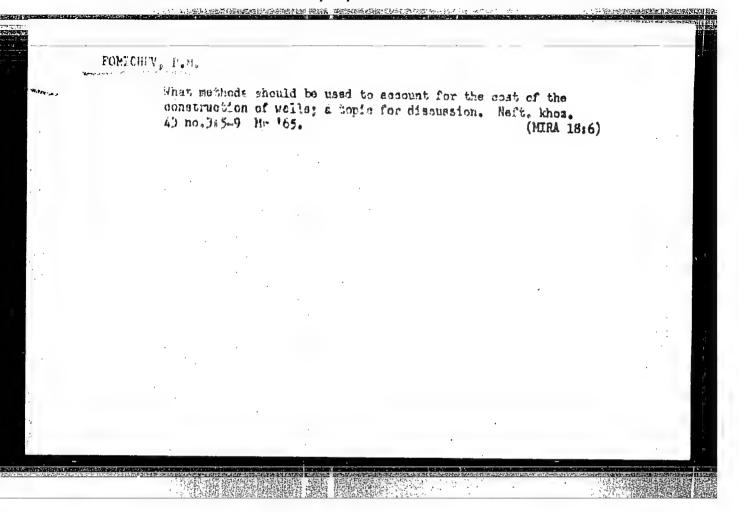
(Aserbaijan-Oil well drilling-Costs)

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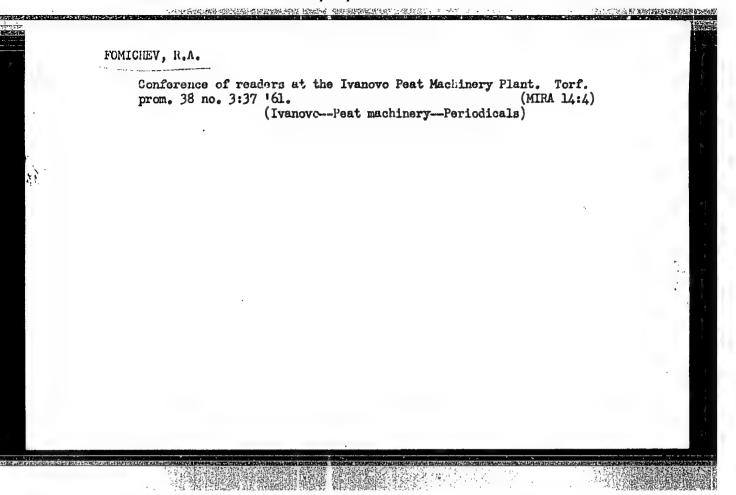
And the property of the proper

SHAPOVALOV. Aleksandr Grigor yevich; FOMICHEV, Petr Markovich; BROYDE,
I.M., red.

[Calculation and the analysis of the cost of drilling gas
and oil wells] Kal'kulirovanie i analiz sebestoimosti
bureniia neftianykh i gazovykh skvazhin. Moskva, Nedra,
1965. 119 p. (MIRA 18:10)

[Analysis of the production and management of a drilling organization] Analiz proizvodstvenno-khoziaistvennoi delatel nosti burovoi organizatsii. Baku, Azerneshr, 1965.

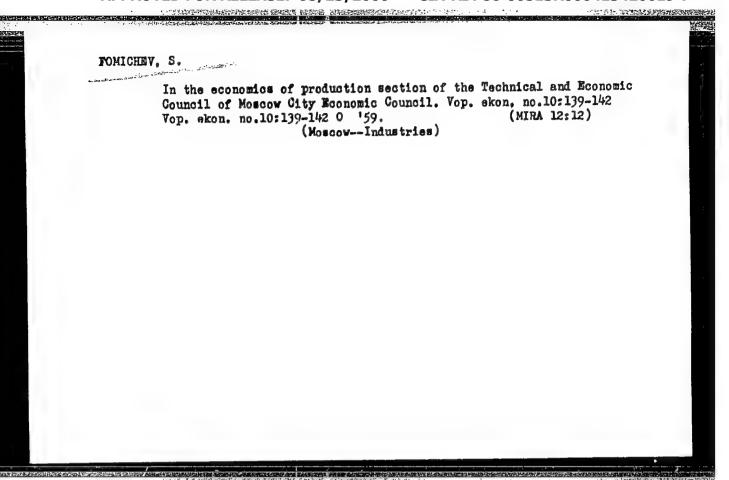
205 p. (MIRA 18:11)



CIA-RDP86-00513R000413420019-7

FOMICHEY, S., dots., kand.tekhn.nauk Single pipe hot-water systems with water distributing collectors. Zhil.-kom.khoz. 9 no.10:7-9 159. (MIRA 13:2) (Hot-water heating) (Heating pipes)

> CIA-RDP86-00513R000413420019-7" APPROVED FOR RELEASE: 08/23/2000

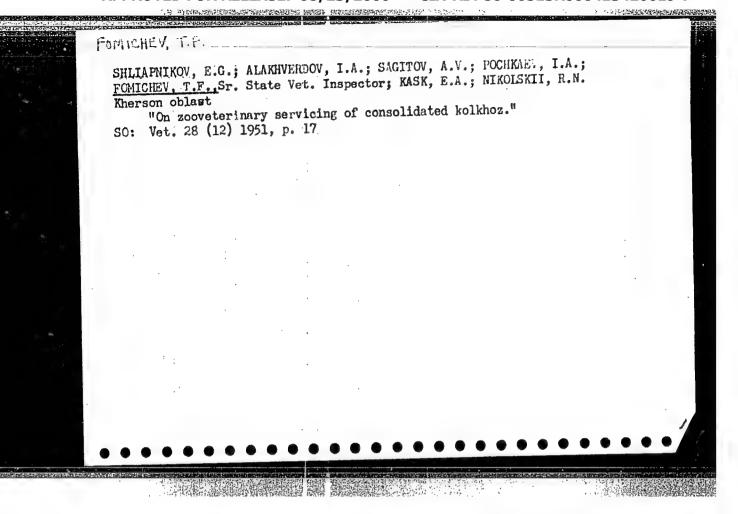


GRIGOR'YEV, B.A.; FOMICHEV, S.U.

Using albedograph for determining optical coefficients of engineering materials. Inzh.-fiz.zhur. no.1:34-40 Ja '58.

(MIRA 11:7)

(Materials--Optical properties)



FOMICHEV, V. A. NUCLEAR RESEARCH	DECEASED C/ 1964	1964

ZIMNYAYA, I.A.; FOMICHEV, V.A.

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Study of one of the acoustic stimuli causing the perception of speech intonation in a question. Vop. psikhol. no.5:73-82 S-0 '64 (MIRA 18:1)

1. Moskovskiy gosudarstvennyy pedagogicheskiy institut inostrannykh yazykov imeni Morisa Toreza.

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L 06298-67 ENT(1) GD

ACC NR: AT6015377

SOURCE CODE: UR/0000/65/000/000/0266/0279

AUTHOR: Karpov, R. G.; Oranskiy, A. M.; Fomichev, V. A.

16

ORG: none

TITIE: Electronic systems for the approximate differentiation of pulse repetition rate modulated signals

SOURCE: AN BSSR. Institut tekhnicheskoy kibernetiki. Vychislitel'naya tekhnika (Computer engineering). Minsk, Nauka i tekhnika, 1965, 266-279

TOPIC TAGS: digital computer, computer technology, computer input unit, digital differential analyzer, differentiating circuit, differentiation

ABSTRACT: The authors describe a system designed to perform approximate differentiation on continuous or quantized pulse trains, the pulse repetition rate being modulated to represent a controlled process. In the current differentiation schemes, the pulse train is first converted into a varying dc voltage and then differentiated by conventional means. This method introduces errors and delays. The authors propose a new system which can perform the differentiating operations directly on the basis of the digital data. A pulse train having a repetition frequency representing the first derivative of the original pulse train is expressed as

 $F(t) = k \frac{dF_1(t)}{dt}$

Card 1/4

L 06298-67

ACC NR: AT6015377

where F(t) is the repetition frequency of the pulse train related to the first derivative of the original pulse train $F_1(t)$, k is the dimensional coefficient. This expression can be also written as

$$F(t) = \lim_{\Delta t \to 0} \frac{F_1(t + \Delta t) - F_1(t)}{\Delta t}$$

For a pulse train, the condition $\Delta t \to 0$ has no physical meaning, hence an approximate differentiation can be used for $\Delta t \to \Delta \tau$, where $\Delta \tau$ is a small value, satisfying

$$\Delta\tau \ll T_{_{\rm I\!\!\!\!Z}}$$

 T_x is the variation period of $F_1(t)$. Under these conditions

$$F(t)_{p} = \lim \frac{F_{1}(t + \Delta t) - F_{1}(t)}{\Delta t} = k \frac{\Delta F_{1}(t)}{\Delta t} \approx k \frac{dF_{1}(t)}{dt}.$$

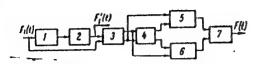
This mathematical operation can be carried out using the system shown in figure 1. In this system, the differentiation amounts to the generation of a pulse train F(t) equal to the difference of the pulse train $F_1(t)$ and a new analogous pulse train $F_1(t)$ delayed by a finite time interval Δt with respect to $F_1(t)$. The pulse train to be differentiated is fed into block 1 and block 3. Block one generates a fixed delay Δt .

Card 2/4

Fig. 1.

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ACC NR: AT6015377



It can be in the form of a delay line for pulse trains having high repetition rates, or in the form of a magnetic drum, in which the delay is introduced by the use of two read heads displaced with respect to each other. The latter arrangement has the advantage of providing for variable adjustable delay. The output pulses of block 1 are shaped in block 2 and fed into block three, where coinciding pulses from both pulse trains are eliminated using a differential anticoincidence circuit. From here the two pulse trains minus coincidence pulses are introduced into block 4 which, in conjunction with blocks 5 and 6, has the task of generating a pulse train

 $F_1(t) - F_1(t)$ if $F_1(t) > F_1(t)$.

No output occurs if

$$F_1(t) > F_1(t)$$
, or $F_1(t) = F_1(t)$.

Anticoincidence techniques are used to perform this operation. Block 7 is cathode follower output stage. The authors describe and analyze two practical circuits based on the proposed approximate differentiation method. The first is suitable for continuous pulse trains in which the instantaneous pulse repetition frequency is proportional to the current state of the monitored process; the second is designed to operate on quan-

Card 3/4

tized pulse trai art. has: 5 fig	ns in which the p	ulses occur in '	'parcels" at disti	nct intervals.	Orig.
SUB CODE: 09,12	/ SUBM DATE:	15Dec65			
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FAR(1)/EMT(m)/MAP(t)/ETI__IJP(c)__JD/JH_ SOURCE CODE: UR/0181/66/008/010/2892/2899 ACCTRRE AP6033549 AUTHOR: Fomichev, V. A. ORG: Leningrad State University im. A. A. Zhdanov (Leningradskiy gosudarstvennvv universitet) TITLE: Study of the energy structure of Al and Al2O3 by the method of ultralong wave x-ray spectroscopy wave x-ray spectroscopy SOURCE: Fizika tverdogo tela, v. 8, no. 10, 1966, 2892-2899 TOPIC TAGS: aluminum, aluminum oxide, spectroscopy, x ray spectroscopy, . ultralong wave x ray spectroscopy, absorption spectra, emission spectra, crossover transition ABSTRACT: A study was made of the emission and absorption spectra of aluminum (Al) and aluminum oxide (Al2O3) within the ultra-soft region of x-ray radiation. Al and Al2O3 absorption spectra were found to have a sharply defined fine structure near the $L_{\rm II}$, $_{\rm III}$ -boundary of aluminum absorption. The emission band of Al in Al $_2$ O $_3$ has a two-hump shape. In the ultrasoft region, this band is accompanied by two secondary maxima at 45 and 50.5 ev. The first appears to be the Card 1/2

TACC NR: AP6033549

result of an internal L₁ = L_{II, III} transition of aluminum. The second is apparently the result of crossover transitions of 2s-electrons of oxygen to the 2p-level of aluminum. Energy level diagrams are plotted for Al and Al₂O₃. In the proximity of the oxygen and aluminum atoms in Al₂O₃, the diagrams differ. Orig. art. has: 8 figures and 1 table. [Author's abstract]

SUB CODE: 20/ SUBM DATE: 08Feb66/ ORIG REF: 011/ OTH REF: 018/

L 9915-66 EWT (1)/EWP(e)/ETT (m)/EVE (1)/EVP(b) LHB/RM/WH ACC NR: AP5022867 SOURCE CODE: UR/0051/65/019/003/042	ومعنى ومع كوريت
ACC NR: AP5022867 SOURCE CÓDE: UR/0051/65/019/003/042	25/0433 #
AUTHOR: Lukirskiy, A. P. (Deceased); Savinov, Ye. P.; Yershov, O. A.; Zhukova	I. I.
ORG: None	/
	No. of the
TITLE: Reflection of x rays with wavelengths from 23.6 to 190.3 Å. Some remains of diffraction gratings	rks on
SOURCE: Optika i spektroskopiya, v. 19, no. 3, 1965, 425-433	
TOPIC TAGS: x ray diffraction, x ray filter, x ray spectrum, diffraction grat	ing
ABSTRACT: The authors measured the angular dependence of the reflection coeff for various substances, using the following monochromatic lines: O_K (23.6 Å), N_K (31.4 Å), C_K (44 Å), N_K (67 Å), N_K (108.65 Å), N_K (128.66 Å), N_K (128.66 Å), N_K (128.66 Å), and N_K (129.3 Å). The measurement methods were described by the algebraic (0pt. i spektr. v. 16, 310, 1963 and earlier). For lines shorter the light A the radiation was detected with a flow-through proportional counter fill	(164.6 ithors
methane; for longer wavelengths a Geiger counter with argon-alcohol mixture was The substances measured were <u>F-l glass</u> gold, titanium, and polystyrene. The	s used.
of preparing the reflectors was also described in the earlier papers. Polysty	rene
and titanium reflectors are found to be capable of effectively filtering radia shorter than 50200 Å, depending on the angle of incidence. In the case of I	
glass, a sharp fine structure is observed in the reflection coefficient at way	re-
lengths 70130 A. For titanium the fine structure appears at wavelengths sho	orter
Card 1/2 UDC: 537.531	
7	

L 9915-66

ACC NR: AP5022867

than 30 Å, and for polystyrene at wavelengths shorter than 45 Å. Gold exhibits no fine structure. The spectral dependences of the reflection coefficients show that titanium mirrors can be used effectively as filters for radiation of wavelengths shorter than 30-32 Å at various angles of incidence, and that polystyrene mirrors can be used as filters for radiation shorter than 50-180 Å, depending on the angle of incidence. The maximum reflection coefficients in the first order of diffraction have been calculated also for echelettes cut in F-1 glass and echelettes with gold and titanium coatings, which were also studied by the authors earlier (Opt. 1 spektr. v. 14, 285, 1963). Plots of the maximum reflection coefficient of the echelettes (600 and 1200 lines/mm) vs. the angle make it possible to choose the optimum angles of incidence and the angles of inclination of the echelette steps. The greatest possible reflection coefficients are obtained in first order. Orig. art. has: 3 formulas and 1 table.

SUB CODE: 20/ SUBN DATE: 21May64/ ORIG REF: 007/ OTH REF: 001

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Card 2/2

L 18755-66 EWT(m)/EWP(t) IJP(c) ACC NR: AP6003767 SOURCE CODE: UR/0181/66/008/001/0095/0102 AUTHORS: Lukirskiy, A. P. (deceased); Brytov, I. A.; Fomichev, V.A. ORG: Leningrad State University (Leningradskiy gosudarstvennyy universitet) TITLE: New emission bands of Re; W, Ta, Te, Sb, Pd, Mo, Nb, and 46 SOURCE: Fizika tverdogo tela, v. 8, no. 1, 1966, 95-102 TOPIC TAGS: x ray emission, x ray diffraction study, spectral line, line width, line shift, x ray spectroscopy ABSTRACT: The purpose of the experiment was to obtain additional experimental data on the density of the electronic states in the valence band. The new lines were obtained in the spectral region 70 -- 450 A with the aid of a diffraction-grating x-ray spectrometer. The use of effective detectors and reflecting mirrors to filter out the radiation has made it possible to detect the new lines. The Card

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L 18755-66

ACC NR: AP6003767

spectrometer was described by one of the authors earlier (Lukirskiy, Izv. AN SSSR ser. fiz. v. 25, 913, 1961). An identification for the observed emission bands is proposed and the widths of the levels participating in the transitions are determined. The shape of the emission bands and the widths are not discussed in detail, in view of the lack of data on the detector efficiency and on the spectral dependence of the diffraction-grating reflection coefficient. The observed shape of the emission line of W is compared qualitatively with the theoretical distribution of the energy density of the electronic states of the 5d6s band. Further improvement in the results is expected when the resolution of the spectrometer is increased and when absorption spectra of the same elements become available for the investigated region of spectrum. The authors thank M. A. Rumsh and T. M. Zimkina for useful remarks. Orig. art. has: 8 figures and 5 tables.

SUB CODE: 20/ SUBM DATE: 29Jun65/ ORIG REF: 007/ OTH REF: 007

Card 2/25/N

ALCO	007023	SOURCE CODE: UR/O	051/66/020/002/0366/03
UTHOR: Luk	rskiy, A. P. (decease	ed); Fomichev, V. A.; Bryt	ov, I. A. 4
RG: none	•	A	a '
ITLE: Absor	rption coefficients of ultrasoft x-radiatio	nitrocellulose and polys	tyrene in the 8410 Å
OURCE: Opt	ika i spektroskopiya,	v. 20, no. 2, 1966, 366-3	68
OPIC TAGS: ray filter	absorption coefficien	t, polystyrene, nitrocell	ulose, radiation detec
n the efficients of the ellulose use rocedure was illus is bridere used. I for the differ polystyres orption coefficient can appear the can appear the example of the examp	dency of gas-filled rate gas and vapor used it of for the detector with the same as in the early described. Films the mumerical values of the in the case of positional in the vicinitaries because of this	of earlier work (Opt. i sadiation detectors. Where the these detectors were meandow was not investigated earlier work. The preparation coefficients the absorption coefficients case of nitrocellulose dystyrene, a considerable ty of the carbon line and anomaly as an effective formula, and I tab	as the absorption coef asured earlier, the ni before. The measurem tion of the transparem ss for each wavelength ents are listed in a t and plotted in the ca jump occurs in the ab it is noted that poly ilter for ultrasoft x-
		un65/ ORIG REF: 003/	OTH REF: 003

L OL740-67 EWT(1)/EWT(m)/EWP(t)/ETI IJP(c) JD

ACC NR: AP6024473 SOURCE CODE: UR/0181/66/008/007/2104/2108

AUTHOR: Fomichev, V. A.; Lukirskiy, A. P. (Deceased)

ORG: Leningrad State University im. A. A. Zhdanov (Leningradskiy gosudarstvennyy 8)

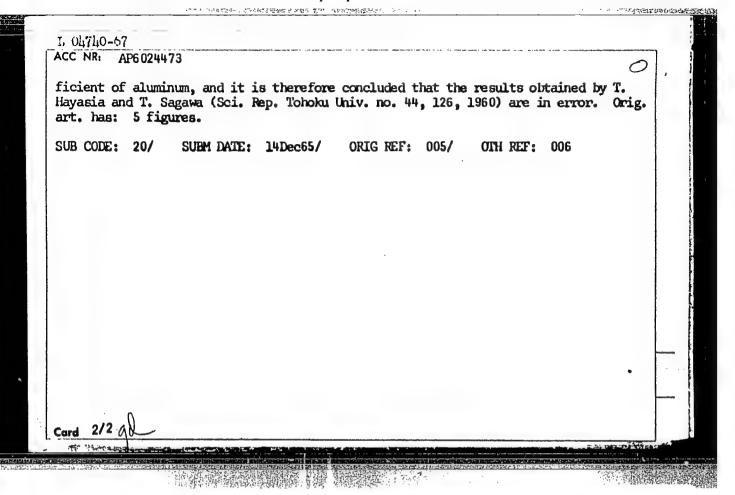
universitet)
TITLE: Fine structure of L_{II} absorption spectrum of aluminum 27

SOURCE: Fizika tverdogo tela, v. 8, no. 7, 1966, 2104-2108

TOPIC TAGS: absorption spectrum, x ray spectrum, spectral fine structure, absorption edge $^{\circ}$

ABSTRACT: The purpose of the investigation was to check on the accuracy of data obtained by others, in view of the experimental difficulties involved in investigations of the ultrasoft x-ray region of the spectrum. The fine structure was investigated near the LII, III absorption edge (170 Å) with the aid of the bremsstrahlung spectrum of a tungsten anode, using apparatus described in various earlier papers by one of the authors (Lukirskiy et al., Opt. i spektr. v. 19, 800, 1965 and earlier). The samples were prepared by evaporating aluminum in vacuum on a glass substrate coated beforehand with KCl. The evaporated film was then floated free on water. The results have shown that the observed fluctuations in the absorption coefficient on the shortwave side of the absorption edge are typical of aluminum, and cannot be attributed to the substrate as suggested by D. H. Tamboulian and E. M. Pell (Phys. Rev. v. 83, 1196, 1951). On the long-wave side, no fine structure is observed in the absorption coef-

Card 1/2



I. 093h7-67 EMT(1)/EMT(m)/EACC NR. A16030653 AUTHOR: Zimkina, T. M.; Fomi		UR/0020/66/169/006/1304/1306 45
CRG: Leningrad State University university TITLE: Absorption spectrum of SOURCE: AN SSSR. Doklady, v.	ity im. A. A. Zhdanov (Lenin	ultrasoft x-ray region
TOPIC TAGS: sulfur compound, efficient, absorption edge, p	fluoride, x ray spectrum, f	fine structure, absorption co-
in carlier papers (Izv. AN SS spectral range investigated 30% transmission). The resu coefficients vs. energy in the statement of the statemen	The purpose of the investigation in the region of the edge molecule, and to obtain data and the applicability of x-ray ption coefficients were investigated as the edge was 41 - 73 Å at a pressure that are presented in the form the range 170 - 500 eV, and a physogration bands) between 170 and	and their connection with supporting the theory of y absorption laws in the stigated by a method described 53 and v. 28, 772, 1964). The 4.5 ± 0.5 mm Hg (ensuring a m of a plot of the absorption larger-scale portion of the
1		UDC: 535.343

L 09347-67 ACC NRI AP6030653 0 of sulfur. The absorption spectrum has an unusual form, anomalous intensity ratios, and no clear-cut absorption edge, but the lack of experimental data on the uv absorption spectrum and of theoretical calculations make the interpretation of the results difficult. It is quite likely that the unusual spectrum can be attributed not only to the energy structure of the molecule but also to the character of the photoionization absorption, since the x-ray absorption regularities obtained by using hydrogenlike wave functions do not hold for ultrasoft x rays. This report was presented by A. A. Lebedev 30 November 1965. Orig. art. has: 2 figures. ORIG REF: 003/ OTH REF: 004 SUB CODE: 20/ SUBM DATE: 25Nov65/ Card 2/211/2

ACC NR. AP7001405 (A) SOURCE CODE: UR/0413/66/000/021/0107/0108 INVENTOR: Lashkov, K. A.; Klimova, T. N.; Fomichev, V. A.; Matsyuk, L. N. Kolobkov, Yu. M. ORG: none TITLE: Device for heat-pulse welding of polymer films. Class 39, No. 187991 SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 21, 1966, 107-108 TOPIC TAGS: polymer film, polymer film welding, heat contour article, curvilineer lan weld ABSTRACT: An Author Certificate has been issued for a device for heat-pulse welding of polymer films. The device consists of two insulation blocks, heating elements Fig. 1. 1 - Bottom block; 2 - s-shaped support; 3 - top block. Card 1/2 UDC: 621.791.46.052.2.037

	es with a curvilinear lap weld, the blocks have a surface to that of the articles to be welded, and the bottom blockshaped support. Orig. art. has: 1 figure.	ck is [BO]
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ACC NR. AP6036271

SOURCE GODE: UR/0108/66/021/011/0069/0071

AUTHOR: Karpov, R. G.; Fomichev, V. A.

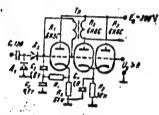
ORG: none

TITLE: Controllable frequency divider with storage-type counter

SOURCE: Radiotekhnika, v. 21, no. 11, 1966, 69-71

TOPIC TAGS: frequency divider, pulse counter

ABSTRACT: A divider is considered which turns a pulse packet of frequency $F_x(t)$ simulating a physical quantity into another pulse packet of frequency: $F_x(t) = F_x(t)/n$;



here, n = n(t) is a stepwise adjustable division ratio of a storage-type counter (see figure). The circuit includes a blocking oscillator turned off by a voltage drop across R_3 . The turn-on level can be adjusted by control voltage U_y applied to the grid circuit of the cathode follower. Experimental plots of division ratio vs. control voltage are shown. Orig. art. has: 3 figures and 6 formulas.

UB CODE: 09 / SUBM DATE: 10Dec65 / ORIG REF: 002

Card 1/1

UDC: 621. 374.4

FOMICHEV, V.D.; BUL! VANKER, E.Z., red.; VOLKOVA, A.N., red.1zd-va; GLUKHOYEDOVA, G.A., tekhn. red.

[Permian Rugosa in the Far East] Permskie komally Rugosa Dal'nego Vostoka. Moskva, Gosgeolizdat, 1953. 70 p. (MIRA 16:7)

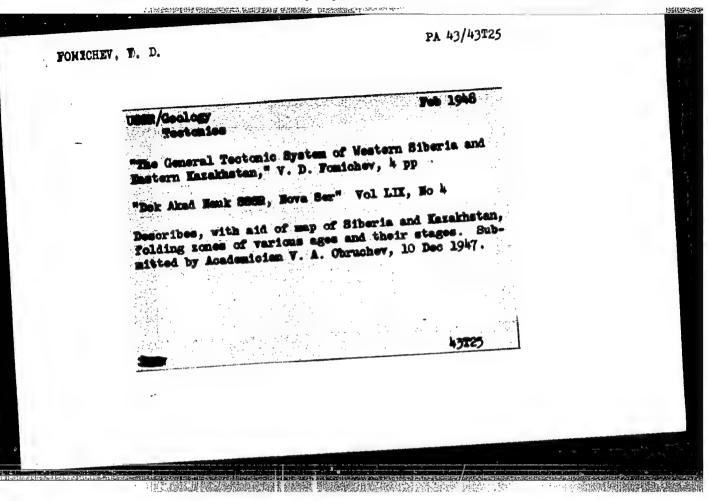
(Soviet Far East--Tetracoralla)

A USSR registrant of the 17th International Geological Congress held in Moscow in 1937.

SO: Report of The 17th Inter. Geol. Cong., 1937.

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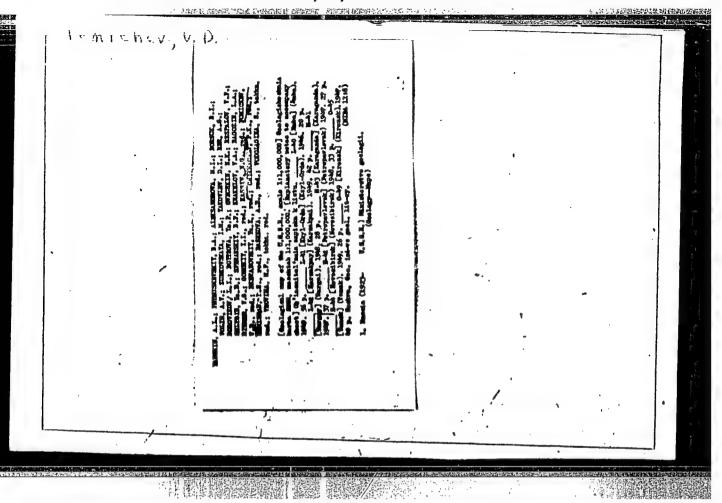
FORICEI, V D

Dorally Rugosa I Stratigrafiya Sredne-I Verkhnekamennougol'nykh I Permskikh Otlozheniy Donetskogo Basseyna (Rugosa corals and Stratigraphy of the Middle and upper Bituminous Coal and Permian Deposits of the Donet, Basin) Hoskva, Gosgeolizdat, 1953.

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621 p. Diagra., Tables. "Literatura": p. 608-613.

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APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000413420019-7"

FOMICHEV, V.D.; GORSKIY, I.I., red.; SHUMOV, V.V., red.izd-va; BORISOV, A.S., tekhn. red.

[Rugosa and the stratigraphy of the Middle and Upper Carboniferous and Permian sediments in the Donets Basin] Korally Rugosa i stratigrafiia sredne i verkhnekamennougol'nykh i permskikh otlozhenii Donetskogo basseina. Moskva, Gos.izd-vo geol. lit-ry, 1953. 621 p. Atlas. 90 p. (AURA 15:2)

l. Chlen-korrespondent Akademii nauk SSSR (for Gorskiy).
(Donets, Basin-Geology, Stratigraphic)
(Donets Basin-Rugosa)

COMICHEV. V.D.

The Committee on Stalin Prizes (of the Council of Ministers UESR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

Keme

Title of Work

Nominated by

Fomichev, V. D.

"'Rugosa' Corals and the Stratigraphy of the Middle and Upper Carboniferous and Permian Strata of the Donets Basin"

Ministry of Geology and Concervation of Mineral Resources USSR

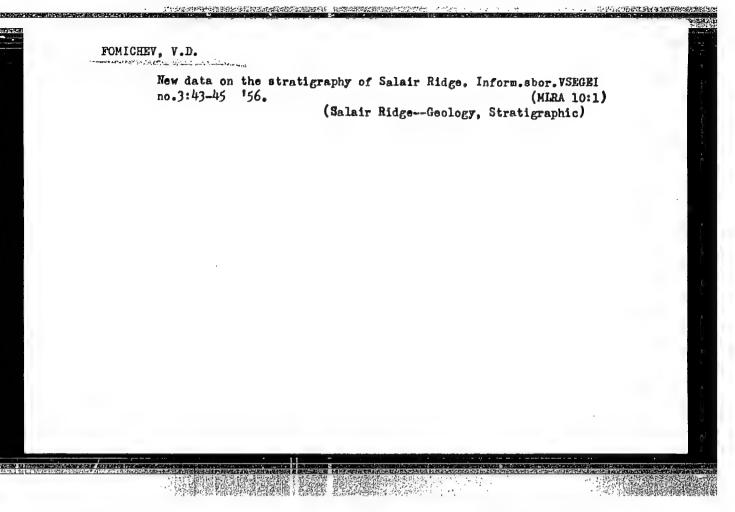
80: W-30604, 7 July 1954

-FOMICHEV, -V:D

AKSARIN.A.V.; ANAN'YEV.A.P.; BENEDIKTOVA,R.N.; GORBUNOV.M.G.; GRATSIAHOVA, R.T.; YEGOROVA,L.I.; IVANIYA,V.A.; KRAYEVSKAYA,L.N.; KRASHOPEYEVA, P.S.; LEBEDEV.I.V.; LOMOVITSKAYA,M.P.; POLETAYEVA,O.K.; ROGOZIN,L.A.; RADCHENKO,G.P.; RZHONSNITSKAYA,M.A.; SIVOV,A.G.; FOMICHEV.V.D.; KHAL-PINA,V.K.; KHAL-PIN,L.L.; CHERNYSHEVA,S.V.; NIKITINA,V.N., redaktor; GUROVA,O.A., tekhnicheskiy redaktor

[Atlas of leading forms of fossils in the fauna and flora of Western Siberia] Atlas rukovodiashchikh form iskopaemykh fauny i flory zapadnoi sibiri. Pod red. L.L.Khalfina. Moskva, Gos. nauchno-tekhn.izd-volit-ry po geologii i okhrane nedr., Vol.1. 1955. 498 p. Vol.2. 1955. 318 p. [Microfilm] (MIRA 9:3)

1. Tomsk. Politekhnicheskiy institut imeni Kirova. (Siberia, Western--Paleontology)



MELISHCHEMEO, V.S.; SAIS, V.H.; SPIZHARSKIY, T.H.; FONICHEV, V.D.

Interdepartmental meeting on developing unified stratigraphic systems for Siberia. Inform. sbor. VSBGBI no.4:31-37 156.

(Siberia-Geology, Stratigraphic) (NLBA 10:4)

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SPIZHARSKIY, T.N., red.; BODYLEVSKIY, V.I., red.; BOCH, S.G., red.; VASILENKO, V.K., red.; DODIN, A.L., red.; DOMRACHEV, S.M., red.; KRASNOV, I.I., red.; MELESHCHENKO, V.S., red.; MENHER, V.V., red.; HIKIFOROVA, O.I., red.; OBRUCHEV, S.V., red.; RZHONSNITSKAYA, M.A., red.; ROSTOVISEV, N.N., red.; SAKS, V.N., red.; SARYCHEVA, T.G., red.; FOMICHEV, V.D., red.; CHRINYSHEVA, N.Ye., red.; YAKOVLEV, S.A., red.; SKVORTSOV, V.P., red.; Ted.; PEN'KOVA, S.A., tekhn.red.

[Decisions of the Interdepartmental Conference on Making Unified Stratigraphic Charts of Siberia] Resheniia Meshvedomstvennogo sove-shchaniia po razrabotke unifitsirovannykh stratigraficheskikh skhem Sibiri. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr, 1959. 91 p. (MIRA 12:9)

1. Mezhvedomstvennoye sovemhehaniye po razrabotke unifitsirovannykh stratigraficheskikh skhem Sibiri, Leningrad, 1956. (Siberia--Geology, Stratigraphic)

(FOMICHEV, V.D.

Boundary between the Carboniferous and Permian systems and the Artemovak complex of sediments. Sov. geol. 3 np. 11:94-108 H *60. (MIRA 13:12)

1. Vsesoyusnyy nauchno-issledovatel'skiy geologicheskiy institut.
(Geology, Stratigraphic)

FOMICHEV, V.D., starshiy nauchnyy sotrudnik; ALEXSEYEVA, L.E., geolog; SOKOLOVSKAYA, Ye.Ya., red.izd-va; IVANOVA, A.G., tekhn.red.

[Outline of the geology of the Salair Ridge] Geologicheskii ocherk Salaira. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 201 p. 7 plates. (Leningrad. Vsesoiuznyi geologicheskii institut. Trudy, vol.63.). (MIRA 15:5)

1. Vsesoyuznyy nauchno-issledovatel skiy geologicheskiy institut. (Salair Ridge—Geology)

IVANOVSKIY, S.A., dotsent; FOMICHEV, V.F., veterinarnyy vrach

Problems in the methodology of L-ray photometry. Veterinariia
38 no.8:54-57 Ag '61 (MIRA 18:1)

1. Bashkirskiy sel'skokhozyaystvennyy institut.

FOMICHEV, V. F. (Veterinary Doctor, Chair of Clinical Diagnosis and Therapy, Bashkir Agricultural Institute). (Abstracted by V. A. ALIKAYEV)

"Method of staining animal blood smears."
Veterinariya, vol. 39, no. 2, February 1962 pp. 82

[1] 大河、南南沙河中西部州中国大学中央,中国中央发展,是在美国中的中国中心。100mm(100mm)

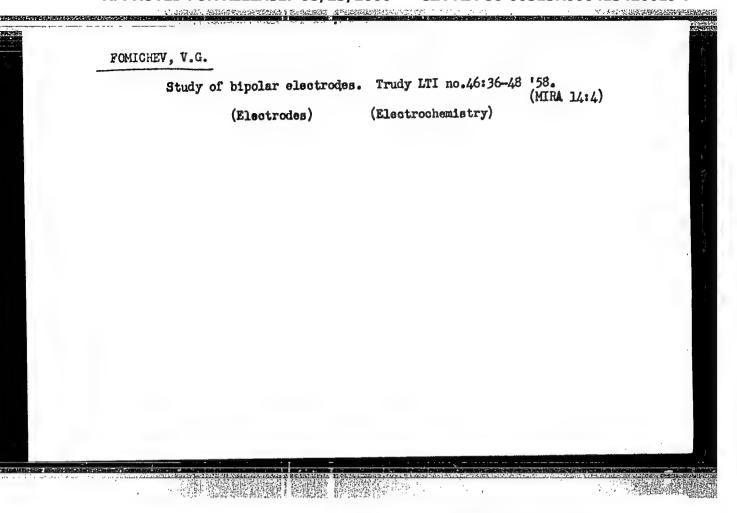
VASIL'YEV, S.F.; MOSIN, A.M.; LAPIDES, N.A.; Prinimali uchastiye: MISHENKO, M.L.; OSTROVSKAYA, L.V.; FONICHEV, V.F.; GUBBOTINA, G.V.; SHVEDOVA, L.M.

Oxidative pyrolysis of lower hydrocarbons. Khim.prom. no.4:238-243 Ap '61.

1. Institut goryuchikh iskopayemych AN SSSR.

(Hydrocarbons)

(Oxidation)



.5.1310 77⁶⁴⁰ sov/80-33-2-15/52

AUTHORS: Volova, Ye. D., Maksimova, I. N., Mashovets, V. P., and

Fomichev, V. G.

TITLE: Electrolytic Preparation of Thallium Amalgam for Low-

Temperature Thermometers

PERIODICAL: Zhurnal prikladnoy khimii, 1960, Vol 33, Nr 2, pp

349-354 (USSR)

ABSTRACT: Electrolytic preparation of thallium amalgam was

studied to determine optimum conditions for the process. The materials used were: purified and vacuum-distilled mercury (and brand P-2 mercury); thallium sulfate of composition: Tl₂SO₄, 99.9%; Fe, 0.001%; Cu₂0.005%; water insoluble impurities 0.01%, impurities precipitable with NH₂OH 0.01%, those

not precipitable with $(NH_4)_2S$ 0.01%; and metallic

thallium (for preparation of amalgam by direct

card 1/8

Electrolytic Preparation of Thallium
Amalgam for Low-Temperature Thermometers

dissolution of Tl in mercury) containing Tl, 99.8%;
Zn, 0.004%; Cd, 0.02%; Cu, 0.006%; Pb, 0.005%; and Fe,
0.001%. Figure 1. shows the cross section of the
electrolyzer.

Electrolytic Preparation of Thallium Amalgam for Low-Temperature Thermometers

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Caption to Fig. 1.

Fig. 1. Cross section of the electrolyzer: (1) anode; (2) pressed fiberglass membrane; (3) flowing mercury cathode; (4) the electrolyte; (5) outlet from cathode; (6) platinum contact; (7) inlet for the electrolyte; (8) electrolyte drain; (9) inlet for the mercury; (10) amalgam drain.

Content of thallium in amalgam was determined by potentiometric titration with 0.01 N KBrO $_3$ of 0.2-0.5 g amalgam samples dissolved in dilute sulfuric acid. Results obtained by the use of a platinum wire anode (with a surface area of 2.5 cm 2) were compared with the results with a lead anode (a perforated horizontal plate of \sim 30 cm 2 surface). Cathodes with an area of 5.7 and 30 cm 2 in the first case, and 30 cm 2 in the second were used. In the

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Electrolytic Preparation of Thallium Amalgam for Low-Temperature Thermometers

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case of platinum anode 95-100% thallium yield based on current were reached at all investigated temperatures (20-45°), cathodic current densities (12-50 ma/cm²), acidities of initial solution (0.001 to 1.33 g-equiv/1) and flowrates, w, of the solution from w_{theoret} (in 1/min) to 5 w_{theoret} at the optimum composition of the electrolyte (high Tl⁺ concentration and low acidity). W_{theoret} was calculated from Tl concentration and current, taking complete Tl extraction and yield based on current as 100%. Figure 1 shows that the degree of thallium utilization (in amalgam) is inversely proportional to the flowrate of the solution.

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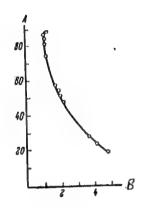


Fig. 2. Degree of thallium utilization (in %): (A) as a function of solution flowrate; (B) --wactual wtheoretical -- in electrolysis with a platinum anode.

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Electrolytic Preparation of Thallium Amalgam for Low-Temperature Thermometers

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The output is lowered with decreasing thallium concentration (by lowering concentration of T1 from 40.5 to 8.5 g/1, the yield based on current dropped from 98.0 to 64.5% and degree of thallium utilization from 86.0 to 50.2%) and with increasing acidity (at / H / 1.33 g-equiv/l compared to the optimum ≤ 0.01 g-equiv/l the yield dropped to 70.6%). Experiments with a lead anode show that the process gives lower outputs than with platinum anode, is accompanied by thallium oxidation to Tl₂O₃ and is more sensitive to changes in temperature (rise in temperature increases thallium yield and utilizaton and decreases oxidation), current density (increase of current density raises Tl yield and utilization somewhat with a maximum at 50 ma /cm2; a subsequent decrease in yield is probably caused by increasing evolution of hydrogen at the cathode) and flowrate (increasing flowrate somewhat decreases oxidation, increases Tl yield and decreases degree of utilization). Unfavorable results

Card 6/8

Electrolytic Preparation of Thallium Amalgam for Low-Temperature Thermometers

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obtained by the use of lead anode are caused by its large surface area and high overvoltage. Experiments on electrolysis with a smaller lead anode resulted in overheating of electrolyte and decomposition of anode. On the basis of experimental results the authors recommend the use of a platinum anode with a small surface area. Optimum conditions: the electrolyte containing 40.5 g/l of Tl⁺ and \leq 0.01 g-equiv/l of free H₂SO_h; temperature 20-40°; cathodic current density 35-50 ma/cm²; and the flowrate of the solution 1.02-1.05 w_{theoret}. In electrolysis on the lead anode temperature of 60-65° and current density of 50-70 ma. /cm² should be used. Preparation of thallium amalgam by dissolving thallium in mercury (at room temperature, under glycerin or water) is a simpler process than electrolysis, but the amalgam prepared by the latter process is supposed to be of greater purity. The amalgams prepared by both processes have been submitted for tests in low-temperature thermometers to ascertain the advantages of the electrolysis amalgam.

Card 7/8

Electrolytic Preparation of Thallium Amalgam for Low-Temperature

77640 SOV/80-33-2-15/52

There are 5 figures; 1 table; and 13 references, 3 Soviet, 5 German, 1 U.K., 4 U.S. Abstracter's Note: There are 12 references listed in the article but one of them was broken down into two. The U.K. and U.S. references are: D. Mac-Intosh, F. M. Johnson, J. Am. Chem. Soc., 34, 941 (1910); J. Enrenreich, Instruments & Automation, 27, 1070 (1954); F. W. Richards, C. Smith, J. Am. Chem. Soc., 44, 524 (1922), 45, 1455 (1923); F. Singch, J. Indian. Chem. Soc., 13, 717 (1936); F. W. Richards, F. Daniels, J. Am. Chem. Soc., 41, 1732 (1919).

ASSOCIATION:

Leningrad Lensovet Technological Institute (Liningradskiy tekhnologicheskiy institut imeni Lensoveta)

SUBMITTED:

February 25, 1959

Card 8/8

S/076/60/034/008/026/039/XX B015/B063

AUTHORS: Mashovets, V. P. and Fomichev, V. G.

TITLE: Study of a Cylindrical and a Spherical Bipolar Electrode

PERIODICAL: Zhurnal fizicheskoy khimii, 1960, Vol. 34, No. 8,

pp. 1795 - 1801

TEXT: Many commercial electrolyzers have conductive parts as bipolar interelectrodes, such as metallic walls of cells, metallic grid diaphragms, valves, and metal grains or coal particles in electrolytes used for fusion electrolysis. The effect of electrode polarization and polarizability upon the current distribution on cylindrical and spherical bipolar electrodes has now been studied. A method is given for the calculation of the current flowing through a cylindrical or spherical electrode which is placed in a uniform electric field. It was assumed that the polarization was equivalent to the additional resistance which was uniformly distributed in the bipolar electrode. Calculations made for the current density distribution on the cylindrical electrode were experimentally verified. Various electrolytes, such as copper and nickel-sulfate Card 1/2

Study of a Cylindrical and a Spherical Bipolar S/076/60/034/008/026/039/XX Electrode B015/B063

solutions, sulfuric acid, and boric acid, were examined by means of a cylindrical or spherical copper or nickel electrode. The experimental values obtained from the copper electrode were in good agreement with the calculated values, while agreement was less good with the highly polarizable nickel electrode. The participation of a bipolar electrode in the current density distribution depends on three factors; 1) resistivity of the solution; 2) cathodic and anodic polarization; and 3) polarizability and dimensions of the bipolar electrode. There are 7 figures, 3 tables, and 7 Soviet references.

ASSOCIATION: Leningradskiy tekhnologicheskiy institut im. Lensoveta (Leningrad Technological Institute imeni Lensovet)

SUBMITTED: November 21, 1958

Card 2/2

MASHOVETS, V.P.; FOMICHEV, V.G.

Current distribution in electrochemical systems with a bipolar electrode. Zhur. fiz. khim. 34 no. 11:2587-2595 N 160.

(MIRA 14:1)

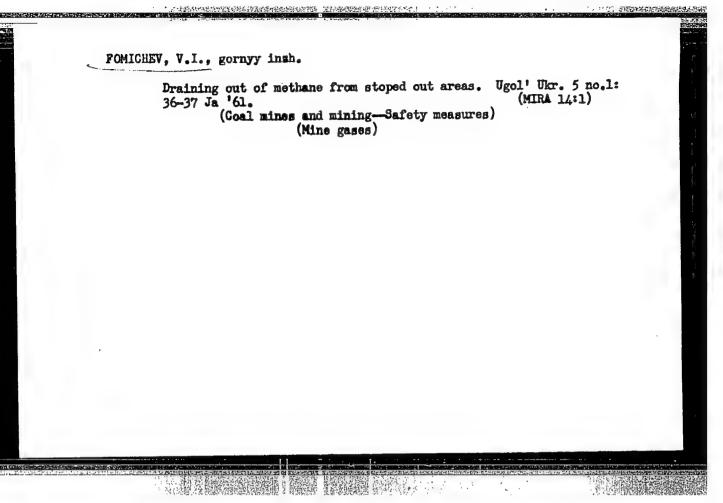
1. Leningradskiy tekhnologicheskiy institut im. Lensoveta.
(Electrodes) (Electric currents)

FOMICHEV, V.G.; MASHOVETS, V.P. (Leningrad)

System with bipolar electrodes in the form of a complex of circular cylinders. Zhur. fiz. khim. 35 no. 4:803-808 Ap '61.

(MIRA 14:5)

l. Leningradskiy tekhnologicheskiy institut im. Lensoveta.
(Polarization (Electricity))



行一、社会企业和内部的社会和民主的基础,是最近的地位的企业的企业。

SEREDENKO, M.M., kand.ekon.nauk; KUGUSHEV, M.F. [Kuhushev, M.F.];
PRAVDIN, M.V.; FOMICHEY, V.I.; ALEKSANDROVA, V.P.; GORODETSKIY,
N.I. [Horodets'kyi, N.I.]; DYATLOV, T.I.; KALITA, M.S. [Kalyta,
M.S.]; DARAGAN, M.V. [Darahan, M.V.]; RADINA, Yu.M.; VOROB'YEVA,
K.T. [Vorobyova, K.T.]; LASTIVKA, N.N.; STARODUBSKIY, R.D.
[Starodubs'kyi, R.D.]; YATSENKO, P.F.; MUROMTSEVA, G.M.
[Muromtseva, H.M.]; RASNER, S.I.; CHERNYAK, K.I.; KOBILYAKOV,
I.I. [Kobyliakov, I.I.]; ALEKSANDROVA, V.O.; kand.ekonom.nauk,
otv.red.; DEMIDYUK, V.F. [Demydiuk, V.F.], red.; LIBERMAN, T.R.,
tekhn.red.

[Ways of increasing profits in metallurgical industries] Shliakhy pidvyshchennia rentabel'nosti metallurgiinykh pidpryiemstv. Kyiv, Vyd-vo Akad.nauk URSR, 1961. 93 p.

(MIRA 14:6)
1. Akademiya nauk USSR, Kiyev. Institut ekonomiki. 2. Institut ekonomiki AN USSR (for Seredenko, V.P.Aleksandrova, Kalita, Daragan, Radina). 3. Dnepropetrovskiy khimiko tekhnologicheskiy institut (for Gorodetskiy, Dyatlov). 4. Dneprodzerzhinskiy metallurgicheskiy institut (for Kobilyakov).

(Dnepropetrovsk Province—Steel industry—Costs)

KOMAROV, V.B.; FOMICHEV, V.I.

Unevenuess of gas escape in mine sections. Zap. LGI 46 no.1:6-11
(MIRA 16:6)

(Mine gases)

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SPIZHARSKIY, T.N., red.; TOLSTIKHINA, M.A., red.; BODYLEVSKIY, V.I., red.;
BOCH, S.G., red.[deceased]; VASILENKO, V.K., red.; DODIN, A.L., red.;
DOMRACHEV, S.M., red.; KRASNOV, I.I., red.; MELESHCHENKO, V.S., red.;
MENNER, V.V., red.; NIKIFOROVA, O.I., red.; OBRUCHEV, S.V., red.;
RZHONSNITSKAYA, M.A., red.; ROSTOVTSEV, N.N., red; SAKS, V.N., red.;
SARYCHEVA, T.G., red.; FOMICHEV, V.L., red; CHERNYSHEVA, N.Ye., red.;
YAKOVLEV, S.A., red.; RAGINA, G.M., vedushchiy red.; YASHCHURZHINSKAYA,
A.B., tekhn.red.

[Proceeding of the Interdepartmental Conference on the Development of a Unified System for the Stratigraphy of Siberia; reports on the stratigraphy of Mesozoic and Ceinozoic deposits] Trudy Mezhvedomstvennogo soveshchania po razrabotke unifitsirovannykh stratigraficheskikh skhem Sibiri; doklady po stratigrafii mezozoiskikh i kainosoiskikh otlozhenii. Leningrad, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, Leningr. otd-nie, 1957. 575 p. (MIRA 11:6)

1. Mezhvedomstvennoye soveshchaniye po razrabotke unifitsirovannykh stratigraficheskikh skhem Sibiri. Leningrad, 1956. 2. Vsesoyuznyy geologicheskiy nauchno-issledovatel'skiy institut (for Spizharskiy, Tolstikhina, Boch, Dodin, Krasnov, Meleshchenio, Nikiforova, Rostovtsev, Fomichev, Chernysheva, Yakovlev). 3. Leningradskiy gornyy institut (for Bodylevskiy). 4. Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy geologo-razvedochnyy institut (for Vasilenko, Domrachev). 5. Geologicheskiy institut Akademii nauk SSSR (for Menner). 6. Leboratoriya dokambriya Akademii nauk SSSR (for Obruchev). 7. Institut geologii Arktiki (for Saks). 8. Paleontologicheskiy institut Akademii nauk SSSR (for Sarycheva)

(Siberia-Geology, Stratigraphic)

· In the Hall Court of the Cour

BRAZHNIK, Viktoriya Ivanovna; MIKELADZE, Pavel Vyacheslavovich;
FOMICHEV Vasiliy Ivanovich; USPENSKIY, V.V., kand. ekon.
hauk, nauchnyy red.; MORSKOY, K.L., red.; MIKHEYEVA, A.A.,
tekhn. red.

[Planning and financing capital construction; practice of

[Planning and financing capital construction; practice of the Dnepropetrovsk Economic Council] Planirovanie i final sirovanie kapital'nogo stroitel'stva; opyt Dnepropetrovskyo sovnarkhoza. Moskva, Gosstroitedat, 1963. 76 p. (MIRA 16:8)

(Dnepropetrovsk Province--Construction industry--Finance)

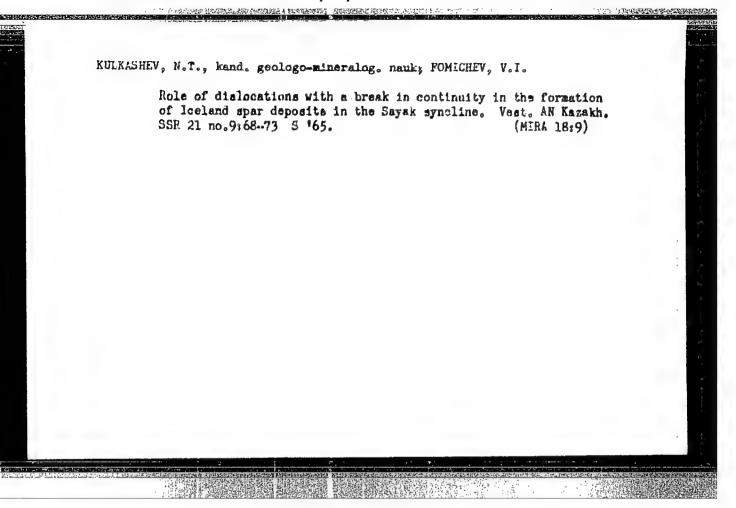
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SAMBARCKIY, Georgiy Ivanovich; FOMIGHEV, liktor Ivanovich;

KSG H, Ye.L., red.

[Une of synthetic materials in industry] Sinteticheckie
materialy - v promyshlennost'. Moskva, Izd-vo "Znanie,"
1964. 31 p. (Novoe v zhizni, nauke, tekhnike. III Serlia:
Ekonomika, no.15)

(MIRA 17:8)



Structural control of mineralization in the Sayak dejection.

Lav. AN Kazakh. SSR Ser. geol. 22 no. 6:35-17 N-B 155
(KIRA 19:1)

1. Institut geologicheskikh nauk imeni K.I. Satyayeva, Alma-Ata.

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15356 \$/181/63/005/002/046/051 B102/B186

AUTHORS:

Bresler, S. Ye., Kazbekov, E. N., Fomichev, V. N., Sech, F., and Smeytek, P.

TITLE:

Macroradicals in solid polymers

PERIODICAL: Fizika tverdogo tela, v. 5, no. 2, 1963, 675 - 682

TEXT: The destruction of macropolymers is studied in a special vacuum manipulator at liquid-nitrogen temperature. The investigations were made using an e.p.r. spectrometer with rf magnetic-field modulation. The diphenyl picrylhydrazyl spectrum served as reference standard. The polymers investigated (polymethyl methacrylate (I), polystyrene (II), polyvinyl acetate (III)) were produced by thermal polymerization. The kinetics of the disintegration of the macroradicals in solid polymers, formed by mechanical destruction, is studied in great detail. The macroradicals obtained in vacuo vanish very slowly; this process whose rate constants are given by $K_{\rm I} = 10^{16}~{\rm exp}\left(\frac{-29000\pm2000}{{\rm RT}}\right) {\rm cm}^3/{\rm mole\cdot sec}$;

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Macroradicals in solid polymers

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rate under normal conditions. The kinetic constants of the macroradical disrupture in the presence of oxygen were measured and their temperature dependence was determined. If the oxygen is eliminated from the ampoules after complete radical oxidation (only ROO.present) the rate of macroradical destruction is decreased by a factor of 5 to 10. Also this effect speaks in favor of the hydrogen migration suggested. The regeneration of the initial carbon radicals of polymethyl methacrylate from the hydroxides on oxygen evacuation occurs more rapidly at O°C and leads to a 50% restoration. It proved impossible to explain radical destruction by diffusion processes; the only mechanism possible seems to be the radical state migration through subsequent disrupture of hydrogen atoms by the polymer chain radicals. There are 4 figures.

Macroradicals in solid polymers

S/181/63/005/002/046/051 B102/B186

ASSOCIATION:

Institut vysokomolekulyarnykh soyedineniy AN SSSR, Heningrad (Institute of High-molecular Compounds AS USSR. Leningrad)

SUBMITTED:

October 1, 1962

Card 3/3

CIA-RDP86-00513R000413420019-7" APPROVED FOR RELEASE: 08/23/2000

BRESLER, S.Ye.; KAZBEKOV, E.N.; FOMICHEV, V.N.

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Reactivity of anororadicals, Kin.i kat. 6 no.5:820-827 S-0 165. 1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

FOMICHEV, V.P., kand. tekhn. nauk; ARZHANOVSKOV, A.I., inzh.; ZHEREBKOV, I.V., red.

[Resistance of hard and frozen ground to cutting] Soprotivlenie rezaniiu tverdykh i merzlykh gruntov. Rostov-na-Donu, 1962. 38 p. (MIRA 17:4)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut po stroitel'stvu, Rostov-on-Don.

FOMICHEV, V.P. (Kiiv)

Experimental study of the relation between the wire-rous stretching force and feeding and cutting speeds in coal cutters [with summaries in Russian and Euglish]. Prykl.mekh. 3 no.2:196-201 57. (MLRA 10:9)

1. Institut giraichoi spravi AN URSR.
(Coal mining machinery)

2.10-100 (1991) 1995 (1991) 1

FOMICHEV, VP

AUTHOR:

Fonichov, V.P.

21-4-5/24

THE REPORT OF

TITLE:

Effect of Feeding and Cutting Speeds on the Force for Feeding the Tool in Coal Cutters (Vplyv shvydkostey podachi i rizannya na sylu podachi riztsya vrubovykh mashyn)

PERIODICAL:

Dopovidi Akademii Nauk Ukraine'koi RSR, 1957, #4, pp 339-342 (USSR)

ABSTRACT:

The origination process of a force for feeding coal cutter tools and its dependence on the speeds of feed and cutting are investigated for the case the cutting tool has the rounded edge and wear face surface parallel to the cutting velocity.

A formula was derived expressing the force necessary for feeding the tools in coal cutters, which takes into account compression of the coal cut and its abrasion.

Results of experimental investigations in the laboratory have shown that theoretical values given by this formula describe adequately observational data.

Card 1/2

The article contains 1 figure and cites 4 Slavic references.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000413420019-7"

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21-4-5/24

TITLE:

Effect of Feeding and Cutting Speeds on the Force for Feeding the Tool in Coal Cutters (Vplyv shvydkostey podachi i rizannya na sylu podachi ristsya vrubovykh mashyn)

INSTITUTION: Institute of Mining Engineering of the Ukrainian Academy of Sciences

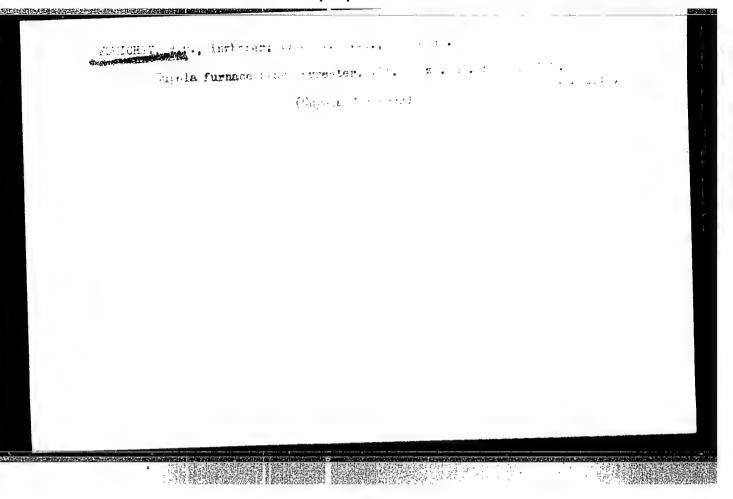
PRESENTED BY: Savin, H.M. (Russian equivalent - Savin, G.N.), Member of the Ukrainian Academy of Sciences.

SUBMITTED: 20 February 1957

AVAILABLE: At the Library of Congress

Card 2/2

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000413420019-7



of the Force of Blade Metion and Cable Tension from the Speed of Thull and Cutting Machines". Kiev, 1958. 15 pp. with figs. (Acad. Sci. UkSSR. Institute of Mining Engineering imeni
M. M. Fedorov). 120 copies. (KL, 34-58, 100)

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FOMICHEV. V.P., insh.

Effect of rope length, pulse number and the average rate of feed on the dynamic surge in rope tension and power consumption

in cutting machines. Isv. vys. ucheb. zav.; gor. zhur. no.12: 70-78 158. (MIRA 12:8)

1. Tul'skiy gornyy institut.
(Coal mining machinery)

FOMICHEV, V.P., kand.tekhn.nauk

Effect of dust clogging of the cutting chain on cutter performance. Izv.vys.ucheb.zav.; gor.zhur. no.7:77-81 '59. (MIRA 13:4)

1. Tul'skiy gornyy institut. Rekomendovana seminarom tekhnicheskikh kafedr. (Coal mining machinery)

FOMICHEV, V.P., kand.tekhn.nauk

Specific wear of cutting machine edges. Izv.vys.ucheb.zav.; gor. zhur. no.8:45-48 '59. (MIRA 13:5)

1. Tul'skiy gornyy institut. Rekomendovana kafedroy gornykh mashin. (Coal mining machinery)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000413420019-7"

FOMICHEV. Vasiliy Petrovich; ASTAKHOV, A.V., otv.red.; SUKHIMINA, N.D., tekhn.red.; GALANOVA, V.V., tekhn.red.

[Calculation of the load on cutting machines] Reschet nagrusok na vrubovye mashiny. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1961. 146 p. (MIRA 14:4) (Coal mining machinery)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000413420019-7

S/128/62/000/008/003/003 A004/A127

AUTHOR:

Fomichev, V.P.

TITLE:

Removing flue gases from arc and other furnaces

PERIODICAL: Liteynoye proizvodstvo, no. 8, 1962, 38

The gases to be removed from electric arc furnaces and furnaces operating on solid fuel contain a considerable amount of highly dispersed dust which is difficult to collect. The most efficient way is by electrofilters, which, however, is not expedient if the gas contains sulfur. More economical is a dust collector with needle-shaped ionizer at the outlet of a centrifugal scrubber. The large dust particles are removed in the centrifugal scrubber, while the coagulation and removal of fine fractions is effected in the aeration flow from the point of the needle-shaped ionizer during the dark discharge. A brief description and layout of such an installation are given. There are 2 figures.

Card 1/1

THE REPORT OF THE PROPERTY OF

FOMICHEV. V.P., kand.tekhn.nauk

Calculation of the loads and wear of the cutters of the ShBM cutter-loader. Izv. vys. uch. zav.; gor. zhur. 5 no.6:98-105 (MIRA 15:9)

1. Novocherkasskiy ordena Trudovogo Krasnogo Znameni politekhnicheskiy institut imeni S.Ordzhonikidze. Rekomendovana kafedroy gornykh mashin i rudnichnogo transporta Novocherkasskogo politekhnicheskogo instituta.

(Mining machinery) (Mechanical wear)

FOMICHEV, V.P., kand.tekhn.nauk

Calculating the loads on cutter-loaders which cut off large chips.

Izv.vys.ucheb.zav.; gor.zhur. 5 no.9:65-72 162. (MIRA 15:11)

1. Novocherkasskiy ordena Trudovogo Krasnogo Znameni politekhnicheskiy institut imeni S.Ordzhonikidze. Rekomendovana kafedroy gornykh mashin i rudnichnogo transporta. (Coal mining machinery)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000413420019-7"

FOMICHEV, V.P., insh.

Efficient layout for drawing air away from type 115 and 116 mixing runners. Vod. i san. tekh. no.7:26 Jl '62. (MIRA 15:9) (Factories—Heating and ventilation)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000413420019-7"